STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information
Center (STIC) detected errors when processing the following computer readable
form:

Application Serial Number: _10/790, 888 A_

Source: _IFW16_

Date Processed by STIC: _09/06/2006_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE
   APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A
   NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER
VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
   http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is
a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the
United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm>** , **EFS Submission
   User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**
   U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street,
   Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: _10/790, 888 A_

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1____Wrapped Nucleics Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2____Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.

3____Misaligned Amino Numbering The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.

4____Non-ASCII The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**

5____Variable Length Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6____PatentIn 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

7____Skipped Sequences (OLD RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.

8____Skipped Sequences (NEW RULES) Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence.
<210> sequence id number
<400> sequence id number
000

9____Use of n's or Xaa's (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10____Invalid <213> Response Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence. (see item 11 below)

11____Use of <220> Sequence(s) ___ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules

12____PatentIn 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13____Misuse of n/Xaa "n" can **only** represent a single <u>nucleotide</u>; "Xaa" can **only** represent a single <u>amino acid</u>

IFW16

RAW SEQUENCE LISTING   DATE: 09/06/2006
PATENT APPLICATION: US/10/790,888A   TIME: 13:48:18

Input Set : **A:\seq listing 85189-5800.txt**
Output Set: **N:\CRF4\09062006\J790888A.raw**

```
 3 <110> APPLICANT: Wormser, Uri
 5 <120> TITLE OF INVENTION: PROTECTIVE FACTORS AGAINST INFLAMMATION, BURNS AND NOXIOUS
 6       STIMULI
 8 <130> FILE REFERENCE: 85189-5800
10 <140> CURRENT APPLICATION NUMBER: US 10/790,888A
11 <141> CURRENT FILING DATE: 2004-03-01
13 <150> PRIOR APPLICATION NUMBER: PCT/IL02/00713
14 <151> PRIOR FILING DATE: 2002-08-29
16 <150> PRIOR APPLICATION NUMBER: IL 145181
17 <151> PRIOR FILING DATE: 2001-08-29
19 <160> NUMBER OF SEQ ID NOS: 16
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 9
25 <212> TYPE: PRT
26 <213> ORGANISM: Synthetic peptide
28 <400> SEQUENCE: 1
30 Lys Gly Asn Tyr Ala Glu Arg Ile Ala
31 1               5
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 12
36 <212> TYPE: PRT
37 <213> ORGANISM: Synthetic peptide
39 <400> SEQUENCE: 2
41 Asp Thr Glu Phe Glu Ala Ala Gly Gly Gly Val Arg
42 1               5                   10
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 13
47 <212> TYPE: PRT
48 <213> ORGANISM: Synthetic peptide
50 <400> SEQUENCE: 3
52 Thr Asp Thr Glu Phe Glu Ala Ala Gly Gly Gly Val Arg
53 1               5                   10
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 14
58 <212> TYPE: PRT
59 <213> ORGANISM: Synthetic peptide
61 <400> SEQUENCE: 4
63 Thr Thr Asp Thr Glu Phe Glu Ala Ala Gly Gly Gly Val Arg
64 1               5                   10
67 <210> SEQ ID NO: 5
68 <211> LENGTH: 9
69 <212> TYPE: PRT
```

Handwritten annotations: Does Not Comply / Corrected Diskette Needed / CRF-1, 2, 3, 4)

→ Invalid Response. 2137 Responses can be either Artificial, Unknown or Genus Species. Pls See Item 10 on Error Summary Sheet.

RAW SEQUENCE LISTING   DATE: 09/06/2006
PATENT APPLICATION: **US/10/790,888A**   TIME: 13:48:18

Input Set : **A:\seq listing 85189-5800.txt**
Output Set: **N:\CRF4\09062006\J790888A.raw**

```
70  <213> ORGANISM: Synthetic peptide
73  <220> FEATURE:
74  <221> NAME/KEY: MOD_RES
75  <222> LOCATION: (5)..(5)
76  <223> OTHER INFORMATION: METHYLATION, MeAla
78  <400> SEQUENCE: 5
80  Lys Gly Asn Tyr Ala Glu Arg Ile Ala
81  1                   5
84  <210> SEQ ID NO: 6
85  <211> LENGTH: 9
86  <212> TYPE: PRT
87  <213> ORGANISM: Synthetic peptide
90  <220> FEATURE:
91  <221> NAME/KEY: MOD_RES
92  <222> LOCATION: (8)..(8)
93  <223> OTHER INFORMATION: METHYLATION, MeIle
95  <400> SEQUENCE: 6
97  Lys Gly Asn Tyr Ala Glu Arg Ile Ala
98  1                   5
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 9
103 <212> TYPE: PRT
104 <213> ORGANISM: Synthetic peptide
107 <220> FEATURE:
108 <221> NAME/KEY: MOD_RES
109 <222> LOCATION: (2)..(2)
110 <223> OTHER INFORMATION: METHYLATION, MeGly
112 <400> SEQUENCE: 7
114 Lys Gly Asn Tyr Ala Glu Arg Ile Ala
115 1                   5
118 <210> SEQ ID NO: 8
119 <211> LENGTH: 9
120 <212> TYPE: PRT
121 <213> ORGANISM: Synthetic peptide
124 <220> FEATURE:
125 <221> NAME/KEY: MOD_RES
126 <222> LOCATION: (2)..(2)
127 <223> OTHER INFORMATION: METHYLATION, MeGly
129 <220> FEATURE:
130 <221> NAME/KEY: MOD_RES
131 <222> LOCATION: (8)..(8)
132 <223> OTHER INFORMATION: METHYLATION, MeIle
134 <400> SEQUENCE: 8
136 Lys Gly Asn Tyr Ala Glu Arg Ile Ala
137 1                   5
140 <210> SEQ ID NO: 9
141 <211> LENGTH: 15
142 <212> TYPE: PRT
143 <213> ORGANISM: Synthetic peptide
```

Same Error

```
145 <400> SEQUENCE: 9
147 Ala Asp Ser Gly Glu Gly Asp Phe Leu Ala Glu Gly Gly Gly Val
148 1               5                   10              15
151 <210> SEQ ID NO: 10
152 <211> LENGTH: 9
153 <212> TYPE: PRT
154 <213> ORGANISM: Synthetic peptide
156 <400> SEQUENCE: 10
158 Lys Gly Asn Tyr Ala Glu Arg Val Gly
159 1               5
162 <210> SEQ ID NO: 11
163 <211> LENGTH: 9
164 <212> TYPE: PRT
165 <213> ORGANISM: Synthetic peptide
167 <400> SEQUENCE: 11
169 Lys Gly Asn Tyr Ser Glu Arg Val Gly
170 1               5
173 <210> SEQ ID NO: 12
174 <211> LENGTH: 9
175 <212> TYPE: PRT
176 <213> ORGANISM: Synthetic peptide
178 <400> SEQUENCE: 12
180 Lys Ala His Tyr Ser Glu Arg Val Gly
181 1               5
184 <210> SEQ ID NO: 13
185 <211> LENGTH: 9
186 <212> TYPE: PRT
187 <213> ORGANISM: Synthetic peptide
189 <400> SEQUENCE: 13
191 Lys Gly His Tyr Ala Glu Arg Val Gly
192 1               5
195 <210> SEQ ID NO: 14
196 <211> LENGTH: 11
197 <212> TYPE: PRT
198 <213> ORGANISM: Synthetic peptide
200 <400> SEQUENCE: 14
202 Lys Ser Arg Thr Thr Ser His Gly Arg Val Gly
203 1               5                   10
206 <210> SEQ ID NO: 15
207 <211> LENGTH: 4
208 <212> TYPE: PRT
209 <213> ORGANISM: Synthetic peptide
212 <220> FEATURE:
213 <221> NAME/KEY: MISC_FEATURE
214 <222> LOCATION: (1)..(1)
215 <223> OTHER INFORMATION: p-aminobenzoyl coupled to the N terminus of Gly
217 <220> FEATURE:
218 <221> NAME/KEY: MISC_FEATURE
219 <222> LOCATION: (3)..(3)
```

Same Error

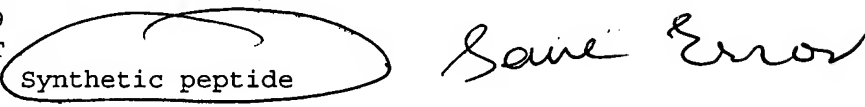RAW SEQUENCE LISTING   DATE: 09/06/2006
PATENT APPLICATION: US/10/790,888A   TIME: 13:48:18

Input Set : A:\seq listing 85189-5800.txt
Output Set: N:\CRF4\09062006\J790888A.raw

```
220 <223> OTHER INFORMATION: D-amino acid
222 <220> FEATURE:
223 <221> NAME/KEY: MISC_FEATURE
224 <222> LOCATION: (4)..(4)
225 <223> OTHER INFORMATION: D-amino acid
227 <400> SEQUENCE: 15
229 Gly Pro Leu Ala
230 1
233 <210> SEQ ID NO: 16
234 <211> LENGTH: 9
235 <212> TYPE: PRT
236 <213> ORGANISM: Synthetic peptide
239 <220> FEATURE:
240 <221> NAME/KEY: MISC_FEATURE
241 <222> LOCATION: (2)..(2)
242 <223> OTHER INFORMATION: Methylated
244 <220> FEATURE:
245 <221> NAME/KEY: MISC_FEATURE
246 <222> LOCATION: (5)..(5)
247 <223> OTHER INFORMATION: Methylated
249 <220> FEATURE:
250 <221> NAME/KEY: MISC_FEATURE
251 <222> LOCATION: (8)..(8)
252 <223> OTHER INFORMATION: Methylated
254 <400> SEQUENCE: 16
256 Lys Gly Asn Tyr Ala Asp Arg Ile Ala
257 1               5
```

Same Error (handwritten annotation)

VERIFICATION SUMMARY   DATE: 09/06/2006
PATENT APPLICATION: **US/10/790,888A**   TIME: 13:48:19

Input Set : **A:\seq listing 85189-5800.txt**
Output Set: **N:\CRF4\09062006\J790888A.raw**